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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 503-0600

FOR THE MONTH AND PERIOD ENDED JULY, 1985

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

Issue No. 7
RELEASE DATE: September 18, 1985

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

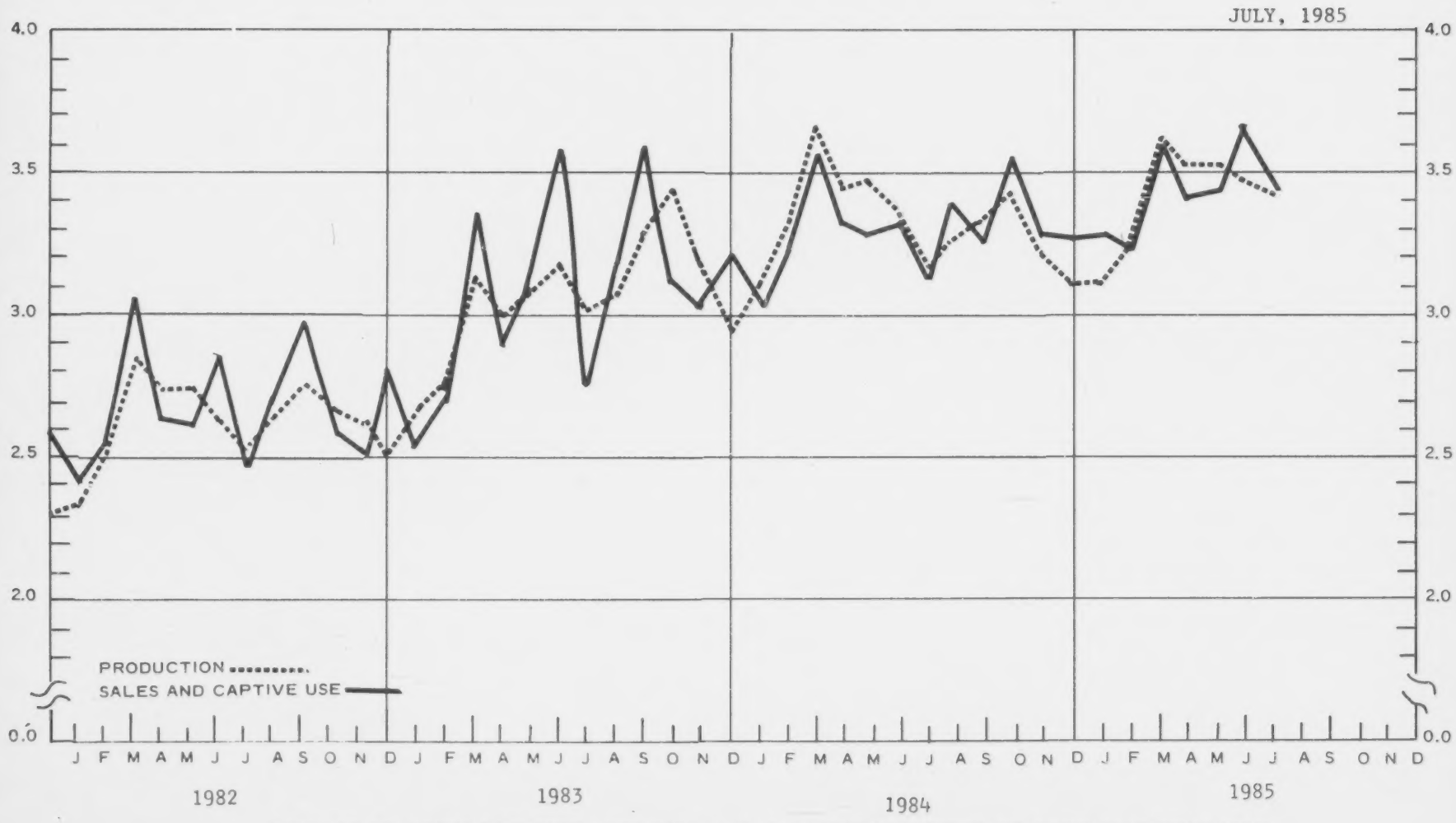
PART 300/400
NON-PART 400/500

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)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SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

JULY 1985

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
EPOXY RESINS, TOTAL	30,305	30,465	-0.5	219,826	231,576	-5.1	35,569	36,601	-2.8	223,544	237,628	-5.9
POLYESTER (UNSATURATED) RESINS, TOTAL	99,677	101,899	-2.2	733,562	743,012	-1.3	100,474	103,375	-2.8	732,391	751,333	-2.5
UREA RESINS, TOTAL	99,768	92,460	+7.9	722,102	705,536	+2.3	99,558	91,879	+8.4	726,470	711,909	+2.0
MELAMINE RESINS, TOTAL	15,573	16,993	-8.4	112,065	117,785	-4.9	14,276	15,053	-5.2	111,519	124,372	-10.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,704	201,001	+12.8	1,519,807R	1,494,817	+1.7	221,070	196,847	+12.3	1,515,822R	1,483,407	+2.2
THERMOSETTING RESINS, TOTAL	472,027	442,818	+6.6	3,307,362R	3,292,726	+0.4	470,947	443,755	+6.1	3,309,746R	3,308,649	+0.0
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	760,350	676,890	+12.3	5,216,821	4,715,867	+10.6	744,651	678,831	+9.7	5,069,051	4,986,656	+1.7
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	588,919	485,508	+21.3	3,716,743	3,357,930	+10.7	575,254	517,765	+11.1	3,850,163	3,607,564	+6.7
POLYPROPYLENE, TOTAL	417,148	363,228	+14.8	3,010,999	2,767,331	+8.8	435,138	404,771	+7.5	2,942,045	2,892,241	+1.7
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,221	79,563	+3.3	609,176	659,089	-7.6	89,580	78,367	+14.3	623,526	680,387	-8.4
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,103	6,708	-9.0	52,923	56,133	-5.7	7,001	7,604	-7.9	57,031	59,739	-4.5
POLYSTYRENE RESINS, TOTAL	314,287	312,640	+0.5	2,341,761	2,238,604	+4.6	314,852	325,739	-3.3	2,341,824	2,210,654	+5.9
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL	63,637	55,596	+14.5	441,070	435,710	+1.2	51,800	55,559	-6.8	419,763	433,615	-3.2
OTHER STYRENE BASED POLYMERS, TOTAL 40% or more styrene	23,963	18,403	+30.2	151,726	134,154	+13.1	23,919	13,895	+72.1	158,189R	139,567	+13.3
NYLON RESINS, TOTAL	31,929	30,612	+4.3	232,807R	227,220	+2.5	28,798	30,134	-4.4	227,145	245,437	-7.5
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	547,129	492,903	+11.0	3,870,092	3,943,153	-1.9	498,468	461,047	+8.1	3,881,244	3,933,087	-1.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,973	54,880	+3.8	400,635	416,887	-4.4	56,973 *	54,880 *	+3.8	400,635 *	418,887 *	-4.4
POLYVINYL ALCOHOL, TOTAL #	10,638	10,499	+1.3	83,593	81,369	+2.7	14,991	13,027	+15.1	82,764	84,867	-2.5
OTHER VINYL RESINS, TOTAL	14,413	15,952	-9.6	108,979	109,511	-0.5	16,739	14,806	+13.1	110,774	110,976	-0.2
THERMOPLASTIC POLYESTER, TOTAL	77,083	79,340	-2.8	556,872	499,982	+11.4	83,687	84,382	-0.8	569,154	516,039	+10.3
THERMOPLASTIC RESINS, TOTAL	2,994,793	2,682,722	+11.6	20,794,197R	19,644,940	+5.9	2,941,851	2,740,807	+7.3	20,733,308R	20,319,716	+2.0
GRAND TOTAL	3,466,820	3,125,540	+10.9	24,101,559R	22,937,666	+5.1	3,412,798	3,184,562	+7.2	24,043,054R	23,628,365	+1.8

(1) = Except phenolic resins which are reported on a gross weight basis

* = These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual production of PVAc is significantly higher than that shown here.

\# = Includes imputed data

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D = Disclosure

R = Revision

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In millions of pounds, dry weight basis)(1)

JULY 1985

RESIN KIND	JULY				YEAR-TO-DATE				
	Production	Imports	Exports*	Apparent Consumption	Production	Imports	Exports*	Apparent Consumption	Import % of Apparent Consumption
EPOXY RESINS, TOTAL	36	1	7	30	224	7	55	176	4%
POLYESTER (UNSATURATED) RESINS, TOTAL	101	0	2	99	732	4	27	709	1%
UREA RESINS, TOTAL	99	1	1	99	726	11	6	731	2%
MELAMINE RESINS, TOTAL	14	0	1	13	112	2	9	105	2%
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	221	3	2	222	1,516	20	22	1,514	1%
THERMOSETTING RESINS, TOTAL	471	5	13	463	3,310	44	119	3,235	1%
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	745	55	85	715	5,069	311	582	4,798	6%
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	575	2	68	509	3,850	21	405	3,466	1%
POLYPROPYLENE, TOTAL	435	1	85	351	2,942	7	449	2,500	0%
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	89	4	4	89	623	33	64	592	6%
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	7	0	1	6	57	8	6	59	14%
OTHER STYRENICS	76	4	2	78	2,342	23	17	2,348	1%
POLYSTYRENE, TOTAL	315	4	9	310	578	19	61	536	4%
NYLON RESINS, TOTAL	29	2	2	29	227	22	23	226	10%
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	498	27	17	508	3,881	251	124	4,008	6%
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	57	2	2	57	401	12	13	400	3%
POLYVINYL ALCOHOL, TOTAL	15	4	2	17	83	26	17	92	28%
OTHER VINYL RESINS, TOTAL	17	2	2	17	111	18	23	106	17%
THERMOPLASTIC POLYESTER, TOTAL	84	2	22	64	569	9	87	491	2%
THERMOPLASTIC RESINS, TOTAL	2,942	109	301	2,750	20,733	760	1,871	19,622	4%
GRAND TOTAL	3,413	114	314	3,213	24,043	804	1,990	22,857	4%

(1) = Except phenolic resins which are reported on a gross weight basis
D = Disclosure
R = Revision

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Sources: Production – SPI Monthly Statistical Report
Imports – Bureau of Census IM 146
Exports – Bureau of Census EM 546

* = Bureau of Census exports will differ from the SPI exports as published on pages 4 through 11 of this report.

See over for complete tariff schedules.

	Import No. (1)	Export No. (2)
Epoxy	409.0200	444.5410/444.5420
Polyester, Unsaturated	409.1000	444.6000
Urea	445.3540	444.5220
Melamine	445.3520	444.5210
Phenolic	409.0600	444.5810/444.5820
Low Density Polyethylene	445.3010	444.1610
High Density Polyethylene	445.3020	444.1620
Polypropylene	445.5200	444.1700
ABS	408.7200	444.2010
SAN	408.8100	444.2020
Other Styrenics	408.7600/408.8450	444.2050
Polystyrene	408.8420	444.2030/444.2040
Nylon	408.6100	444.1210
PVC	445.4600	444.2310/444.2320
Vinyl Acetate	445.4400	444.2120
Polyvinyl Alcohol	445.4200	444.2110
Other Vinyls	445.4800	444.2330
Thermoplastic Polyester	408.6800	444.1500

(1) Tariff Schedules of the U.S. Annotated
(2) Schedule B

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOSETTING RESINS

(In thousands of pounds, dry weight basis)

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
EPOXY RESINS, TOTAL	30,303	30,465	-0.5	219,826R	231,576	-5.1	35,569	36,601	-2.8	223,544	237,628	-5.9
Total Exports	3,343	3,183	+5.0	26,359	25,290	+4.2						
Captive Use, Total	1,232	*		8,699	*							
Domestic Sales, Total	25,730	*		184,768	*							
Domestic Sales & Captive Use, Total	26,962	27,282	-1.2	193,467R	206,286	-6.2						
Bonding & Adhesives	1,386	1,643	-15.6	11,111R	11,891	-6.6						
Flooring, Paving & Exposed Aggregate	1,747	1,325	+31.8	10,342R	10,555	-2.0						
Protective Coatings	15,117	12,115	+24.8	99,781R	93,402	+6.8						
Fiber Reinforced Laminates & Composites, Total	4,671	6,960	-32.9	40,378R	54,590	-26.0						
FRL&C for Printed Wiring Board	3,234	4,862	-33.5	26,046R	38,840	-32.9						
All Other FRL&C	1,437	2,098	-31.5	14,332R	15,750	-9.0						
Tooling, Casting & Molding Resins	1,396	2,502	-44.2	13,761R	18,849	-27.0						
All Other Uses	2,645	2,737	-3.4	18,094R	16,999	+6.4						
POLYESTER (UNSATURATED) RESINS, TOTAL	99,677	101,899	-2.2	733,562	743,012	-1.3	100,474	103,375	-2.8	732,391	751,333	-2.5
Total Exports	783	736	+6.4	5,152	5,015	+2.7						
Total Domestic	98,894	101,163	-2.2	728,410	737,997	-1.3						
General Purpose Resins, Total	88,378	90,793	-2.7	645,331	663,002	-2.7						
General Purpose – Thixotropic	36,881	40,144	-8.1	282,058	302,463	-6.7						
General Purpose – Press Molding	12,624	14,361	-12.1	99,165	114,183	-13.2						
General Purpose – All Other	38,873	36,288	+7.1	264,108	246,356	+7.2						
Flame Retardant Resins	1,800	1,709	+5.3	14,228	13,662	+4.1						
Chemical Resistant Resins	8,716	8,661	+0.6	68,851	61,333	+12.3						
Chemical Resistant Isophthalic Resins	6,421	5,994	+7.1	49,640	42,625	+16.5						
All Other Chemical Resistant Resins	2,295	2,667	-13.9	19,211	18,708	+2.7						
Reinforced Plastics, Total	74,004	76,776	-3.6	557,609	568,593	-1.9						
Non-Reinforced Plastics, Total	24,890	24,387	+2.1	170,801	169,404	+0.8						

* = Comparable 1984 data not available

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R = Revision

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)(1)

CRS

THERMOSETTING RESINS

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
UREA RESINS, TOTAL	99,768	92,460	+7.9	722,102	705,536	+2.3	99,558	91,879	+8.4	726,470R	711,909	+2.0
MELAMINE RESINS, TOTAL	15,573	16,993	-8.4	112,065	117,785	-4.9	14,276	15,053	-5.2	111,519	124,372	-10.3
UREA & MELAMINE RESINS, TOTAL	115,341	109,453	+5.4	834,167	823,321	+1.3	113,834	106,932	+6.5	837,989R	836,281	+0.2
Total Exports	D	D		D	D							
Total Domestic*	115,341	109,453	+5.4	834,167	823,321	+1.3						
Textile Treating & Coating Resins	1,365	1,815	-24.8	10,671	14,200	-24.9	1,616	2,083	-22.4	15,402R	16,312	-5.6
Paper Treating & Coating Resins	7,878	7,526	+4.7	57,286	59,344	-3.5	8,541	8,102	+5.4	61,890	62,385	-0.8
Molding Compounds	D	D		D	D		D	D		D	D	
Bonding & Adhesive Resins for:	87,342	81,510	+7.2	637,587	619,042	+3.0	87,084	81,051	+7.4	638,642	624,610	+2.2
Laminating	3,379	3,182	+6.2	25,685	25,589	+0.4	3,266	3,322	-1.7	25,595	26,639	-3.9
Plywood	4,094	5,053	-19.0	33,629	33,905	-0.8	4,055	4,803	-15.6	33,708	34,991	-3.7
Fibrous & Granulated Wood (Particle Board)	79,869	73,275	+9.0	578,273	559,548	+3.3	79,763	72,926	+9.4	579,339	562,980	+2.9
Protective Coatings (Straight & Modified)	7,884	7,349	+7.3	51,694	50,433	+2.5	7,066	7,049	+0.2	55,704	63,648	-12.5
All Other Uses (Includes Textile Treating & Coating Resins, Molding Compounds, and Exports)	10,872	11,253	-3.4	76,929	80,302	-4.2	9,527	8,647	+10.2	66,351	69,326	-4.3
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	226,704	201,001	+12.8	1,519,807R	1,494,817	+1.7	221,070	196,847	+12.3	1,515,822R	1,483,407	+2.2
Total Exports	1,817	1,624	+11.9	12,084	13,010	-7.1						
Total Domestic	224,887	199,377	+12.8	1,507,723R	1,481,807	+1.7						
Molding Compounds	15,164	16,325	-7.1	123,925	148,299	-16.4	13,395	14,778	-9.4	135,977	163,675	-16.9
Bonding & Adhesive Resins for:	204,695	177,605	+15.3	1,345,098R	1,301,670	+3.3	202,382	176,580	+14.6	1,340,141R	1,285,828	+4.2
Laminating	12,688	11,988	+5.8	85,245	91,180	-6.5	11,140	10,271	+8.5	74,507	74,481	+0.0
Coated & Bonded Abrasives	1,772	1,262	+40.4	13,285	14,327	-7.3	1,836	1,361	+34.9	13,408	14,367	-6.7
Friction Materials	1,866	2,690	-30.6	15,511R	22,310	-30.5	1,740	2,439	-28.7	15,467R	21,983	-29.6
Insulation Materials	35,485	24,353	+45.7	221,728	194,778	+13.8	35,211	24,325	+44.8	221,759	192,360	+15.3
Foundry & Shell Molding	6,104	7,120	-14.3	48,493	46,840	+3.5	6,322	7,234	-12.6	50,707	48,470	+4.6
Plywood	108,323	108,591	-0.2	729,837	768,932	-5.1	106,710	109,427	-2.5	724,967	763,341	-5.0
Fibrous & Granulated Wood	19,886	15,016	+32.4	123,593	109,862	+12.5	20,194	14,798	+36.5	123,699	109,979	+12.5
Resins Sold to Rubber Industry	2,240	2,245	-0.2	17,751	17,565	+1.1	2,195	1,943	+13.0	20,282	19,916	+1.8
All Other	16,331	4,340	+276.3	89,655	35,876	+149.9	17,034	4,782	+256.2	95,345	40,931	+132.9
Protective Coatings — Unmodified & Modified	2,031	1,636	+24.1	13,375	12,956	+3.2	2,146	2,198	-2.4	14,289	14,617	-2.2
Resins Sold to Rubber Industry, Non-Adhesive Uses #	D	D		D	D		D	D		D	D	
All Other Uses #	2,997	3,811	-21.4	25,325	18,882	+34.1	3,147	3,291	-4.4	25,415	19,287	+31.8

(1) = Except phenolic resins which are reported on a gross weight basis

* = Domestic total includes exports.

\# = Due to disclosure problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

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D = Disclosure

R = Revision

SPI

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

CRS

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	760,350	676,890	+12.3	5,216,821R	4,715,867	+10.6	744,651	678,831	+9.7	5,069,051	4,986,656	+1.7
Total Exports	130,953	100,131	+30.8	683,019R	497,818	+37.2						
Total Domestic	629,397	576,759	+9.1	4,533,802R	4,218,049	+7.5						
Film (12 Mils & Below)	411,763	357,202	+15.3	2,873,867R	2,632,029	+9.2						
Sheet (Over 12 Mils)	D(3)	D(3)		D(3)	D(3)							
Injection Molding	44,232	51,558	-14.2	340,072R	366,334	-7.2						
Wire & Cable	21,999	31,887	-31.0	203,931R	230,724	-11.6						
Extrusion Coating	50,284	48,319	+4.1	386,278	379,882	+1.7						
Blow Molding	3,219	3,948	-18.5	28,998R	25,757	+12.6						
Pipe & Conduit, Total	2,516	2,002	+25.7	18,375R	18,174	+1.1						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	6,986	6,701	+4.3	47,843R	46,191	+3.6						
All Other Uses	88,398	75,142	+17.6	634,438R	518,958	+22.3						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	588,919	485,508	+21.3	3,716,743R	3,357,930	+10.7	575,254	517,765	+11.1	3,850,163	3,607,564	+6.7
Total Exports	93,236	60,336	+54.5	459,938	391,373	+17.5						
Total Domestic	495,683	425,172	+16.6	3,256,805R	2,966,557	+9.8						
Film (12 Mils & Below)	37,912	31,743	+19.4	241,287R	207,226	+16.4						
Sheet (Over 12 Mils)	8,973	10,970	-18.2	73,046	69,712	+4.8						
Injection Molding	125,162	100,858	+24.1	844,109R	695,993	+21.3						
Wire & Cable	10,037	9,586	+4.7	69,706R	70,502	-1.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	181,137	170,925	+6.0	1,238,283R	1,191,095	+4.0						
Pipe & Conduit, Total	42,498	35,665	+19.2	276,832R	271,013	+2.1						
Corrugated Pipe & Conduit	9,101	9,572	-4.9	78,534R	77,691	+1.1						
Non-Corrugated Pipe & Conduit	33,397	26,093	+28.0	198,298R	193,322	+2.6						
Other Extruded Products	2,937	3,264	-10.0	24,738R	25,164	-1.7						
All Other Uses	87,027	62,161	+40.0	488,804R	435,852	+12.1						

(2) = Included in Other Extruded Products
(3) = Included in Film

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SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
POLYPROPYLENE, TOTAL	417,148	363,228	+14.8	3,010,999R	2,767,331	+8.8	435,138	404,771	+7.5	2,942,045	2,892,241	+1.7
Total Exports	100,062	62,469	+60.2	494,908R	418,829	+18.2						
Total Domestic	317,086	300,759	+5.4	2,516,091R	2,348,502	+7.1						
Injection Molding	89,605	96,167	-6.8	726,576R	776,306	-6.4						
Appliances	8,229	8,370	-1.7	67,110	69,235	-3.1						
Consumer Products	20,311	23,046	-11.9	181,660	179,626	+1.1						
Rigid Packaging	32,838	26,774	+22.6	225,966	217,324	+4.0						
Transportation	20,688	23,934	-13.6	183,749R	186,424	-1.4						
All Other Injection Molding	7,539	14,043	-46.3	68,091R	123,697	-45.0						
Blow Molding	9,012	8,110	+11.1	63,841R	61,018	+4.6						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	27,159	32,728	-17.0	237,826R	233,051	+2.0						
Sheet (Over 10 Mils)	2,516	4,031	-37.6	25,829	31,729	-18.6						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	113,954	100,359	+13.5	827,545R	772,201	+7.2						
Textile Applications	98,675	*		689,107R	*							
Non-Textile Monofilaments	15,279	*		138,438R	*							
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	4,036	10,144	-60.2	52,238R	66,980	-22.0						
Resellers & Compounders	55,409	32,220	+72.0	466,548R	328,975	+41.8						
All Other Uses	15,395	17,000	-9.4	115,688R	78,242	+47.9						

= Includes Extrusion Coating, Wire & Cable, Pipe & Conduit

* = Comparable 1984 monthly data not available

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

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THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	82,221	79,563	+3.3	609,176	659,089	-7.6	89,580	78,367	+14.3	623,526	680,387	-8.4
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	6,[illegible]3	6,708	-9.0	52,923	56,133	-5.7	7,001	7,604	-7.9	57,031	59,739	-4.5
Total Exports	825	1,127	-26.8	5,519	7,809	-29.3						
Total Domestic	5,278	5,581	-5.4	47,404	48,324	-1.9						
POLYSTYRENE RESINS, TOTAL	314,287	312,640	+0.5	2,341,761 R	2,238,604	+4.6	314,852	325,739	-3.3	2,341,824R	2,210,654	+5.9
Straight Polystyrene	165,404	165,544	-0.0	1,202,883R	1,154,820	+4.2	167,183	166,816	+0.2	1,213,197R	1,139,726	+6.4
Rubber-Modified Polystyrene	148,883	147,096	+1.2	1,138,878R	1,083,784	+5.1	147,669	158,923	-7.1	1,128,627R	1,070,928	+5.4
Total Exports	5,681	8,550	-33.6	49,639	56,651	-12.4						
Straight Polystyrene	3,370	5,985	-43.7	26,132	32,147	-18.7						
Rubber-Modified Polystyrene	2,311	2,565	-9.9	23,507	24,504	-4.1						
Total Domestic	308,606	304,090	+1.5	2,292,122R	2,181,953	+5.0						
Molding	103,424	111,431	-7.2	798,878R	858,338	-6.9						
Extrusion	136,802	118,962	+15.0	981,165R	844,266	+16.2						
Expandable Polystyrene Beads	42,812	42,245	+1.3	291,897	269,643	+8.3						
All Other Uses	25,568	31,452	-18.7	220,182R	209,706	+5.0						
Polystyrene End Uses, Total**	308,606	304,090	+1.5	2,292,122R	2,181,953	+5.0						
Packaging	71,971	79,555	-9.5	537,549R	586,415	-8.3						
Disposables	37,944	40,900	-7.2	269,859R	291,065	-7.3						
Consumer and Institutional Products	56,388	44,312	+27.3	388,979R	317,700	+22.4						
Electrical/Electronics	22,392	24,639	-9.1	181,752R	166,691	+9.0						
Furniture, Furnishings, Building & Construction	11,830	15,864	-25.4	86,608R	103,175	-16.1						
Expandable Polystyrene Beads	42,812	42,245	+1.3	291,897	269,643	+8.3						
Resellers and Compounders	33,192	*		295,323R	*							
All Other End Uses	32,077	56,575	-43.3	240,155R	447,264	-46.3						

** = Portions of the End Use Section are estimated.

* = Comparable 1984 data not available

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(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL***	63,637	55,596	+14.5	441,070	435,710	+1.2	51,800	55,559	-6.8	419,763	433,615	-3.2
Paper Treating	1,991	1,331	+49.6	15,260	15,083	+1.2						
Textile Treating	1,175	1,009	+16.5	8,742	8,817	-0.9						
Carpet Backing	24,144	23,228	+3.9	174,400	184,622	-5.5						
All Other Uses (Including Exports & Paper Coating)	36,327	30,028	+21.0	242,668	227,188	+6.8						
OTHER STYRENE BASED POLYMERS, TOTAL * 40% or more styrene	23,963	18,403	+30.2	151,726	134,154	+13.1	23,919	13,895	+72.1	158,189	139,567	+13.3
Total Export	D	D		D	D							
Total Domestic	23,963	18,403	+30.2	151,726	134,154	+13.1						
Molding & Extrusion	19,223	13,684	+40.5	118,359	102,019	+16.0						
Coatings	4,740	4,719	+0.4	33,367	32,135	+3.8						
NYLON RESINS, TOTAL	31,929	30,612	+4.3	232,807R	227,220	+2.5	28,798	30,134	-4.4	227,145R	245,437	-7.5
Total Exports	1,920	2,833	-32.2	14,243R	14,422	-1.2						
Total Domestic	30,009	27,779	+8.0	218,564R	212,798	+2.7						
Injection Molding Grade	19,336	17,779	+8.8	145,150R	142,890	+1.6						
Extrusion Grade	8,602	7,817	+10.0	59,065R	54,162	+9.1						
Resellers and Compounders	1,376	1,669	-17.6	10,252R	11,862	-13.6						
All Other Uses	695	514	+35.2	4,097R	3,884	+5.5						

*** = Old disclosure rules apply for Styrene Butadiene section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials, see the back of the cover of the report.

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*-Exports are included in Domestic,Total and Molding & Extrusion.

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOPLASTIC RESINS

(In thousands of pounds, dry weight basis)

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT), TOTAL	547,129	492,903	+11.0	3,870,092	3,943,153	-1.9	498,468	461,047	+8.1	3,881,244	3,933,087	-1.3
Homopolymer Resins Including Blending & Latex	499,267	445,075	+12.2	3,514,751	3,550,169	-1.0	464,284	410,640	+13.1	3,520,303	3,531,551	-0.3
Copolymer Resins Including Blending & Latex	18,926	19,902	-4.9	147,679	165,157	-10.6	12,782	23,096	-44.7	149,449	167,309	-10.7
Dispersion Resins	28,936	27,926	+3.6	207,662	227,827	-8.9	21,402	27,311	-21.6	211,492	234,227	-9.7
Total Exports	20,749	19,086	+8.7	160,992	207,133	-22.3						
Total Domestic	526,380	473,817	+11.1	3,709,100	3,736,020	-0.7						
Calendering, Total	52,100	55,527	-6.2	370,999R	431,446	-14.0						
Flooring	12,575	12,571	+0.0	86,919	96,986	-10.4						
Textile	4,603	7,857	-41.4	42,186	59,077	-28.6						
All Other Calendering Uses	34,922	35,099	-0.5	241,894R	275,383	-12.2						
Coating, Total	22,351	24,614	-9.2	168,005	204,651	-17.9						
Flooring	9,131	9,613	-5.0	68,888	76,890	-10.4						
Textile & Paper Coating	6,527	7,910	-17.5	48,797	68,106	-28.4						
Protective Coatings	3,615	2,970	+21.7	25,251	25,779	-2.0						
Adhesives & All Other Coating Uses	3,078	4,121	-25.3	25,069	33,876	-26.0						
Extrusion, Total	373,688	315,398	+18.5	2,621,994R	2,494,095	+5.1						
Wire & Cable	33,105	28,281	+17.1	257,496R	245,978	+4.7						
Film & Sheet	18,964	22,412	-15.4	137,552	185,353	-25.8						
Siding	43,115	*		272,232	*							
Rigid Pipe & Tubing (Except Fittings)	232,553	206,774	+12.5	1,658,465	1,662,656	-0.3						
All Other Extrusions	45,951	57,931	-20.7	296,249R	400,108	-26.0						
Molding, Total	37,955	35,721	+6.3	272,968R	280,966	-2.8						
Bottles	13,796	15,617	-11.7	96,272	115,354	-16.5						
Sound Records	4,802	5,891	-18.5	37,130	41,577	-10.7						
Fittings (Rigid Pipe & Tubing)	13,687	8,225	+66.4	99,054	76,642	+29.2						
All Other Molding	5,670	5,988	-5.3	40,512R	47,393	-14.5						
Paste Processes (Except Coating)	11,950	13,980	-14.5	89,448	103,899	-13.9						
Plastisol Formulation	5,248	8,543	-38.6	43,337	59,215	-26.8						
All Other	6,702	5,437	+23.3	46,111	44,684	+3.2						
Resellers & Compounders	7,955	11,664	-31.8	51,270R	101,305	-49.4						
All Other Uses	20,381	16,913	+20.5	134,416	119,658	+12.3						

*-Comparable 1984 data not available.

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

CRS

THERMOPLASTIC RESINS

JULY 1985

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	JULY			YEAR-TO-DATE			JULY			YEAR-TO-DATE		
	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change	1985	1984	% Change
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	56,973	54,880	+3.8	400,635	418,887	-4.4						
Total Exports	214	563	-62.0	3,473	4,223	-17.8						
Total Domestic	56,759	54,317	+4.5	397,162	414,664	-4.2						
Emulsion Paints	19,689	16,463	+19.6	122,765	125,380	-2.1						
Adhesives, Caulks and Sealants	21,538	21,652	-0.5	155,430	167,343	-7.1						
Paper Treating & Paper Coating	8,243	8,786	-6.2	65,087	71,421	-8.9						
Textile Treating	2,485	2,169	+14.6	19,024	14,439	+31.8						
Non-Woven Binders	D(1)	D(1)		D(1)	D(1)							
All Other Uses	4,804	5,247	-8.4	34,856	36,081	-3.4						
POLYVINYL ALCOHOL, TOTAL #	10,638	10,499	+1.3	83,593	81,369	+2.7	14,991	13,027	+15.1	82,764	84,867	-2.5
Total Exports	1,611	1,931	-16.6	16,448	16,531	-0.5						
Total Domestic	9,027	8,568	+5.4	67,145	64,838	+3.6						
OTHER VINYL RESINS*, TOTAL	14,413	15,952	-9.6	108,979	109,511	-0.5	16,739	14,806	+13.1	110,774	110,976	-0.2
Total Exports	4,156	3,739	+11.2	28,414	25,469	+11.6						
Total Domestic	10,257	12,213	-16.0	80,565	84,042	-4.1						
*Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride												
THERMOPLASTIC POLYESTER, TOTAL	77,083	79,340	-2.8	556,872	499,982	+11.4	83,687	84,382	-0.8	569,154R	516,039	+10.3
Total Exports	8,437	9,764	-13.6	68,902	55,257	+24.7						
Total Domestic	68,646	69,576	-1.3	487,970	444,725	+9.7						
PET Bottle Grades	52,100	49,970	+4.3	363,226	316,343	+14.8						
All Other Thermoplastic Polyester**	16,546	19,606	-15.6	124,744	128,382	-2.8						

** = Includes All Other PET and All Injection Molding Grades

= Includes imputed data

(1) = Included in All Other Uses

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MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

THERMOSETTING & THERMOPLASTIC RESINS

RESIN CODING CLASSIFICATIONS	
EPOXY (UNMODIFIED) RESINS	EPOXY
POLYESTER (UNSATURATED) RESINS	PY
UREA RESINS	UREA
MELAMINE RESINS	MELA
PHENOLIC & OTHER TAR ACID RESINS	PHEN
LOW DENSITY POLYETHYLENE 0.940 & BELOW	LDPE
HIGH-DENSITY POLYETHYLENE ABOVE 0.940	HDPE
POLYPROPYLENE POLYMERS & COPOLYMERS	PP
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS)	ABS
STYRENE-ACRYLONITRILE (SAN)	SAN
POLYSTYRENE RESINS	PS
STYRENE BUTADIENE LATEXES - carboxylated, 45% styrene content and over	SBL
OTHER STYRENE BASED LATEXES - over 50% styrene including styrene butadiene latexes not carboxylated	OTHER SBL
OTHER STYRENE BASED POLYMERS - over 40% styrene and used in molding and extrusion processes	OTHER SBP
NYLON RESINS	NYLON
POLYVINYL CHLORIDE & COPOLYMERS (DRY RESIN CONTENT)	PVC
POLYVINYL ACETATE	PVAc
POLYVINYL ALCOHOL	PVOH
OTHER VINYL RESINS	OTHER VINYL
THERMOPLASTIC POLYESTER	TPY

REPORTING CLASSIFICATIONS	
CATEGORY	CODE
Production	P
Domestic Sales	D
Export Sales	E

Above Legends Refer to the Following List of Reporting Companies by Resin Category.

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	SOBBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
ACME RESINS					PDE														
ADVANCE COATINGS		PD																	
A & E PLASTICS											PDE								
AIR PRODUCTS & CHEMICALS															PDE	DE	PDE		
ALLIED CORPORATION							PDE							PDE					PD
ALLIED BENDIX					PD														
ALPHA CHEMICAL CORPORATION		PDE																	
AMERICAN CYANAMID COMPANY			PDE	PDE															
AMEIRCAN HOECHST CORP.- PLASTICS DIVISION							PDE				PDE								
AMERICAN HOECHST CORP. SOU-TEX DIVISION				PD	PD														
AMETEK, HAVEG DIVISION					PD														
AMERICAN SYNTHETIC RUBBER													PD						
AMOCO CHEMICAL CORPORATION							PDE	PDE			PDE								
ANDERSON DEVELOPMENT CO.													PD						
ARCO CHEMICAL											PDE		PDE						
ASHLAND CHEMICAL COMPANY		PDE			PD														
ASOMA POLYMERS, INC.											PD								
AZS CORPORATION		PD																	
BADISCHE CORPORATION														PD					

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
BASF WYANDOTTE											PDE								
BELDING CHEMICAL INDUSTRIES														PD					
BORDEN CHEMICAL COMPANY			PD	PD	PDE										PDE	D			
BORG-WARNER CHEMICALS, INC.									PDE	PD									
CARGILL, INC.		PD																	
CELANESE CHEMICAL COMPANY																D			
CELANESE ENGINEERING SERVICES	PDE		PD	PD										PDE					PDE
CERTAIN-TEED PRODUCTS CORP.															PD				
CHEMBOND CORPORATION			PD	PD	PDE														
CHEVRON CHEMICAL OLEFINS						PDE	PDE				PDE								
CIBA-GEIGY CORP.	PDE																		
COOK PAINT & VARNISH COMPANY		PD																	
COSDEN OIL & CHEMICAL COMPANY								PDE			PDE								
CUSTOMS RESINS, INC.														PD					
DAN RIVER, INC.			PD																
DART POLYMERS											PD								
DOW CHEMICAL U.S.A.	PDE	PDE				PDE	PDE		PDE	PDE	PDE	PDE	PDE					PDE	
E.I. DUPONT DE NEMOURS AND COMPANY						PDE	PDE						PD	PDE			PDE	PDE	PDE
EASTMAN CHEMICAL COMPANY						PDE		PDE											PDE

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
EL PASO PRODUCTS CO						PDE		PDE											
EXXON CHEMICAL, AMERICAS						PDE	PDE	PDE											
FIRESTONE SYNTHETIC RUBBER & LATEX													PD						
FORMICA CORPORATION				PDE	D														
FORMOSA PLASTICS CORPORATION															PD				
FREEMAN CHEMICAL CORPORATION		PD																	
H. B. FULLER																D			
GAF CORPORATION																			PDE
PLASTICS DEPARTMENT GENERAL ELECTRIC COMPANY																			PDE
GENERAL TIRE COMPANY												PD							
GEORGIA-GULF															PDE				
GEORGIA-PACIFIC CORPORATION			PD		PD						PD								
GLIDDEN COATINGS AND RESINS DIV. OF SCM		PD																	
B.F. GOODRICH CHEMICAL COMPANY										PDE					PDE				
GOODSON CHEMICAL CORP.											PD								
GOODYEAR CHEMICAL DIVISION												PD	PDE		PDE				PDE
DEWEY & ALMY DIVISION W.R. GRACE & COMPANY									PD			PD				D		PDE	
GRIFFTEX CHEMICALS			PD	PD															
GUARDSMAN CHEMICALS, INC.			PD	PD															

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MONTHLY STATISTICAL REPORT

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OSBP	NYLON	PVC	PVAC	PVOH	OTHERVINYL	TPY
HIMONT USA, INC.							PDE	PDE											
HOECHST FIBERS INDUSTRIES																			PDE
HUNTSMAN RUSSTEK POLYMERS											PDE								
ICI AMERICAS		PDE																	
INMONT CORPORATION		PD			PD														
INTERPLASTIC CORPORATION		PD																	
IRONSIDES RESINS, INC.					PD														
KEYSOR-CENTURY CORPORATION															PD				
KOPPERS COMPANY		PD			PDE														
MAPLECHEM, INC.			PD	PD															
MANSONITE CORPORATION					PD														
MOBIL CHEMICAL COMPANY						PDE	PDE				PDE								
MONSANTO POLYMER PRODUCTS, CO.			PDE	PDE					PDE	PDE	PDE		PDE	PDE		DE	PDE	PDE	
MORTON INDUSTRIES												PD						PDE	
NATIONAL STARCH & CHEMICALS CORP																D			
NORCHEM						PDE	PDE	PDE											
NYLON CORP. OF AMERICA														PD					
OCCIDENTAL CHEMICAL CORP					PDE										PDE				
OWENS-CORNING FIBERGLAS		PDE		PD	PD														

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COMPANY	RESIN CATEGORY																			
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
PERKINS INDUSTRIES, INC.			PD		PD														
PERSTORP COMPOUNDS, INC.			PDE	PDE															
PHILLIPS CHEMICAL COMPANY						DE	PDE	PDE					PDE						
PIONEER PLASTICS		PD	PD	PD	PD														
PLASLOK CORPORATION					PD														
PLASTICS ENGINEERING COMPANY					PDE														
PLASTICS MANUFACTURING CO.			PD	PD															
POLYMER APPLICATION, INC.					PD														
POLYREZ COMPANY, INC.					PDE														
POLYSAR LIMITED												PD							
POLYSAR, INC.											PDE								
RAYMARK INDUSTRIES					PD														
REICHHOLD CHEMICALS, INC.	PDE	PDE	PDE	PDE	PDE							PD				DE			
RILSAN CORPORATION														PDE					
ROGERS CORPORATION					PDE														
ROHM AND HAAS COMPANY													PDE			D		PDE	PD
SHAKESPEARE COMPANY														PD					
SHELL CHEMICAL COMPANY	PDE							PDE											
SHINTECH, INC.															PDE				

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

LIST OF REPORTING COMPANIES BY RESIN CATEGORY

COMPANY	RESIN CATEGORY																		
	EPOXY	PY	UREA	MELA	PHEN	LDPE	HDPE	PP	ABS	SAN	PS	OSBLL	OTHER SBP	NYLON	PVC	PVAC	PVOH	OTHER VINYL	TPY
SILMAR DIV. OF SOHIO CHEM. CO.		PDE																	
SOLTEX POLYMER CORP.							PDE	PDE											
TENNECO POLYMERS, INC.															PDE				
TEXSTYRENE PLASTICS											PD								
UNION CARBIDE CORPORATION	PDE				PDE	PDE	PDE									DE			
UNION CHEMICAL												PD				D		PD	
UNIROYAL CHEMICAL					PDE														
U.S. INDUSTRIAL CHEMICAL						PDE	PDE									D			
USS CHEMICAL		PDE						PDE											
VALCHEM DIV. OF UNITED MERCHANTS, INC.			PD																
VALITE DIVISION OF VALENTINE SUGARS, INC.					PD														
VANLEER CONTAINERS, INC.					PD														
VISTA POLYMERS															PDE				
VITITEK											PD								
WELLMAN, INC.														PDE					
TOTAL 107	6	18	16	15	23	11	14	11	4	4	18	8	10	11	12	12	3	7	9